

SECRET
PRIORITY04T
69172

1970 JAN 19 19 32Z

P 191916Z JAN 70

FM NPIC WASHDC

TO RCHOAAA/SAC OFFUTT AFB OMAHA NEBRASKA

RCHOAAA/544TH ARTW, OFFUTT AFB OMAHA NEBRASKA

RUHHABA/548TH RTG, HICKAM AFB, HAWAII

RUCRJCS/DIA

RUEFHQA/HQ USAF

RUKLAAA/480TH RTG, LANGLEY AFB, VIRGINIA

RUVRRIA/WARNER ROBINS AFB, GA

BT

S E C R E T. CITE NPIC 7812

HQ USAF FOR AFIGOS, AFXOTR, AFNICAD, AFRDRM

SAC FOR DIRI, DOSR, DISD

DIA FOR DIAXX-2

WARNER ROBINS AFB FOR WRAMA/WRNWA

SUBJECT: EVALUATION OF GIANT NAIL MISSION T-142, FLOWN

1 DECEMBER 1969

1. IMAGE QUALITY: THE OVERALL IMAGE QUALITY OF THIS MISSION IS FAIR TO GOOD. THE AFT LOOKING IMAGERY HAS A SOFT APPEARANCE AND IN GENERAL IS OF SLIGHTLY POORER QUALITY THAN THE FWD LOOKING IMAGERY. THE INTERPRETATION SUITABILITY IS FAIR TO GOOD WHERE NOT AFFECTED

PAGE 2 RUEADJU 0065 S E C R E T

BY ATMOSPHERICS. CLOUD COVER AFFECTS APPROXIMATELY 40 PERCENT OF THE ENTIRE MISSION.

2. MISSION DATA:

- A. T-142, 1 DECEMBER 1969
- B. IRIS II, 8010
- C. A/C NO: 340
- D. STEREO
- E. T/O: 0300Z, C/ON: 0456Z
- F. 3404, W-23A
- G. CHEM: UNK, 548TH RTG
- H. AVG GAMMA: UNK
- I. SLIT: .085 INCH

3. ORIGINAL NEGATIVE:

- A. EXPOSURE: ADQUATE FOR INTERPRETATION PURPOSES.
- B. DENSITY AND CONTRAST: GENERALLY MEDIUM WHERE NOT AFFECTED BY ATMOSPHERICS.
- C. IMAGED DEGRADATIONS: SKEW BAR ROLLER MARKS ARE OCCASIONALLY PRESENT ON BOTH THE FWD AND AFT FRAMES. THERE IS ALSO A ROLLER MARK PARALLEL TO THE MINOR AXIS, 5.5 AND 11.5 INCHES FROM THE SUPPLY END OF THE AFT AND FWD FRAMES REPECTIVELY. A PLUS DENSITY LINE IS PRESENT 3.5 INCHES FROM THE TAKE-UP END ON THE FWD FRAMES. THIS APPEARS TO BE THE RESULT OF LIGHT LEAKING THROUGH THE SLIT DURING THE NON-EXPOSURE PORTION OF THE CYCLE. FOG PATTERNS ARE PRESENT ON THE FIRST, FIFTH, AND NEXT TO LAST FRAMES OF THE MISSION.
- D. PHYSICAL DEGRADATIONS: EMULSION LIFTS AND SCRATCHES

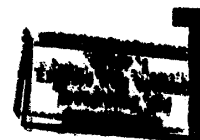
INTERMITTENTLY THROUGHOUT THE MISSION. THERE ARE THREE HEAT SPLICES AND ONE ULTRA-SONIC SPLICES ON THIS MISSION.

E. DATA RECORDING EQUIPMENT: ALL EQUIPMENT FUNCTIONED PROPERLY THROUGHOUT THE MISSION.

F. OTHER: (1) THE CAMERA MALFUNCTIONED TWICE DURING THIS MISSION. THE MALFUNCTION IS DESCRIBED IN THE EVALUATION OF

DISTRIBUTION		
CY	OFFICE	PI
1	FILE	
	CABLE SEC.	
	IP&E/RD	
	SECUR.	
2,3	TSSG/AFB	
	PSG/OC	
	RRD	
	REFRO	
	AID	
	IEG	
	IEG/OD	
	SCIEN	
	WEST	
	EAST	
	M&S	
	IEG/PHD	
	IAS	
	DIA-XX4	
	SPAD	
	DIA-AP	
ARE		25X1
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T-138 (NPIC 7552).

(2) MINUS DENSITY LINES, SURROUNDED BY A BROWNISH PLUS DENSITY AREA, EXTEND ACROSS THE FORM AT A BIAS, AT RANDOM LOCATIONS THROUGHOUT THE MISSION. THIS IS BELIEVED TO BE A MANUFACTURING DEFECT.

(3) THE LAST TITLED FRAME IS 1361. IT IS 21 INCHES LONG.

4. POSITIVES: ADEQUATE FOR INTERPRETATION PURPOSES.

GP-1

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END OF MESSAGE

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